

In regards to 14 cfr 135.143(c) (2) The FAA has found that the ground sensors necessary for Mode S transponders as envisioned by the FAA have not become operational. Without functioning ground sensors a mode S transponder offers no reduction in air traffic control separation, criteria or increase in traffic flow over that provided by a Mode C transponder. It has been determined that no safety advantage is gained by requiring Mode S Transponder to be used in Aircraft operating under part 135 without the necessary ground sensors. Public interest would not be served by compelling persons such as Aurora Aviation uniquely burdened by the rule to purchase and install Mode S transponders.